

19981220.qrp v01_n311.qrs.981220

Date: Sun, 20 Dec 1998 19:03:26 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1311

QRP-L Digest 1311

Topics covered in this issue include:

- 1) [27627] Fireball arrived!
by tom whalen <whalen@swcp.com>
- 2) [27628] Re: Atlanticon 99/Holiday Inn Reservations GOING FAST!!!
by "George Heron" <gheron@idt.net>
- 3) [27629] Re: Who has some old 73's magazine
by Ab7wy@aol.com
- 4) [27630] Fishing Pole Found
by dave_epps@juno.com
- 5) [27631] Re: A HAM CHRISTMAS
by Ab7wy@aol.com
- 6) [27632] Component ID please
by "Frank" <ke6vhm@earthlink.net>
- 7) [27633] Re: Component ID please
by James Skalski <jskalski@buffnet.net>
- 8) [27634] Re: Component ID please
by Paul Harden <pharden@aoc.nrao.edu>
- 9) [27635] Re: Component ID please
by "Radman" <radman@best.com>
- 10) [27636] Re: FOX:We've come a long way!
by "George T. Baker" <w5yr@swbell.net>
- 11) [27637] Antennas West
by Jerry Parker <jparker@fix.net>
- 12) [27638] Fishing Pole Info
by dave_epps@juno.com
- 13) [27639] Re: contest ==>The Knights Before Christmas
by we6w@juno.com (Ed Loranger)
- 14) [27640] Re: MFJ 9406
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 15) [27641] 73 magazine
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 16) [27642] re: Jersey Fireball News Update
by "George Heron" <gheron@idt.net>
- 17) [27643] Re: Component ID please
by "Frank" <ke6vhm@earthlink.net>
- 18) [27644] Re: Who has some old 73's magazine
by ka7you@juno.com
- 19) [27645] 160 Meter QRP

- by Mercxx@aol.com
- 20) [27646] Re: 160 Meter QRP
by "dor" <elbc@pivot.net>
- 21) [27647] argo 2,s What do you think ?
by John Taylor <john@joorology.demon.co.uk>
- 22) [27648] HW-8
by Mercxx@aol.com
- 23) [27649] WTB
by CLGREGORRY@aol.com
- 24) [27650] Re: Who has some old 73's magazine
by Jon Beckett <jbeckett@illuminet.net>
- 25) [27651] FOX: Team scores (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>
- 26) [27652] Re: 73, QST/qrp
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 27) [27653] Re: 160 Meter QRP
by "Kenneth W. Evans" <w4du@bellsouth.net>
- 28) [27654] Re: 73, QST/qrp
by "Steve/n0tu" <n0tu@webaccess.net>
- 29) [27655] Sierra modules sticky?
by "Steve/n0tu" <n0tu@webaccess.net>
- 30) [27656] Re: TS520
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
- 31) [27657] Safety and ladders/climbing
by Roy Lincoln <wa4dou@usa.net>
- 32) [27658] Re: MFJ 9406
by "Jeffrey & Christina Smith" <boomer@4dim.com>
- 33) [27659] Re: argo 2,s What do you think ?
by fcsww@juno.com (Richard Rood)
- 34) [27660] Re: TS520
by "George T. Baker" <w5yr@swbell.net>
- 35) [27661] WE6W Contest Pixie2 ready for Novelty Sprints!
by we6w@juno.com (Ed Loranger)
- 36) [27662] Re: Sierra modules sticky?
by Stan Goldstein <stan@cruzio.com>
- 37) [27663] Reduction Drive Group Purchase
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 38) [27664] Re: argo 2,s What do you think ?
by fcsww@juno.com (Richard Rood)
- 39) [27665] Re: Who has some old 73's magazine
by Richard Arland <k7sz@epix.net>
- 40) [27666] Re: Safety and ladders/climbing
by Ron Stark <ku7y@dri.edu>
- 41) [27667] Eagle 10 Meter Rigs
by "Craig LaBarge" <labarge@hotmail.com>
- 42) [27668] Ham Radio List's
by Jerry Parker <jparker@fix.net>
- 43) [27669] Latest NorthWest QRP Club update now UP!

by "Bill Todd" <bill@willapabay.org>
44) [27670] Re: Ham Radio List's
by "John J. McDonough" <jjmcd@tm.net>
45) [27671] Re: MFJ 9406 (FS)
by "Rud Merriam" <rmerriam@csi.com>
46) [27672] Re: 73, QST/qrp
by "Rud Merriam" <rmerriam@csi.com>
47) [27673] Re: [Re: Safety and ladders/climbing]
by Roy Lincoln <wa4dou@usa.net>
48) [27674] Re: Eagle 10 Meter Rigs
by w4pj@w4bkx.ampr.org
49) [27675] Re: Eagle 10 Meter Rigs
by "Harry T. Hurst, WA3PTG" <hhurst@delaware.infi.net>
50) [27676] Re: Safety and ladders/climbing
by "Harry T. Hurst, WA3PTG" <hhurst@delaware.infi.net>
51) [27677] 2N5160 2N3866 SPICE model and parts
by David Shalita <af389@lafn.org>
52) [27678] Re: Dynamic Range ramblings
by frussle@erols.com (Jake Brodsky)
53) [27679] Thomas
by "Tracy Markham" <tracy@bytemark.com>
54) [27680] Re: Safety and ladders/climbing
by J38AL@aol.com
55) [27681] Re: Eagle 10 Meter Rigs
by "Steven Weber" <kd1jv@moose.ncia.net>
56) [27682] Re: Safety and ladders/climbing
by Ab7wy@aol.com
57) [27683] My OHR100A Mods & other stuff
by K0RWC <rwc@frii.com>
58) [27684] QRP VLF
by W0rw@kktv.com
59) [27685] Re: Eagle 10 Meter Rigs
by Vic Rosenthal <rakefet@rakefet.com>
60) [27686] Re: Dynamic Range ramblings
by we6w@juno.com (Ed Loranger)
61) [27687] Fireball 40 finished!
by tom whalen <whalen@swcp.com>
62) [27688] Re: Fireball 40 finished!
by we6w@juno.com (Ed Loranger)
63) [27689] Prize offered for 1st confirmed FB40-FB40 contact
by "George Heron" <gheron@idt.net>
64) [27690] Re: Safety and ladders/climbing
by Bob Hightower <ki7mn@extremezone.com>

Date: Sat, 19 Dec 1998 17:03:43 -0700
From: tom whalen <whalen@swcp.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27627] Fireball arrived!
Message-ID: <367C3EDF.2527@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QRPer's!

What freq are you going to put your Fireball on? I want to go with the majority, so can make lots of Q's with other Fireball'ers!

Personally, I am leaning toward the ten meter freq..

Now, to get the iron hot!

72, Tom WB5QYT

Date: Sat, 19 Dec 1998 19:13:20 -0500
From: "George Heron" <gheron@idt.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [27628] Re: Atlanticon 99/Holiday Inn Reservations GOING FAST!!!
Message-ID: <024f01be2bae\$d007ab60\$553b84a9@herong.dialogic.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I recently put out an "Atlanticon News" email on the list indicating that we were able to negotiate with the local hamfest sponsors and the hotel to bring the Atlanticon room rates down to \$69/night.

And the great news is that we still get the conference rooms for the Atlanticon festivities at a wonderful discount!

Tis all keeps the price of QRP Forum down to ZERO and makes it less painful to stay there at the hotel too!

See <http://www.njqrp.org/atlanticon/> for an archive of all the details and announcements. (And remember, reserve your rooms before they disappear!)

72,
--George Heron, N2APB

n2apb@amsat.org in Sparta, NJ
for the NJ-QRP Club

>How did you manage a \$69/nite rate????? Going rate when I called was
>\$89/nite!!!!
>
>Rich K7SZ

Date: Sat, 19 Dec 1998 19:38:54 EST
From: Ab7wy@aol.com
To: qrp-l@lehigh.edu
Subject: [27629] Re: Who has some old 73's magazine
Message-ID: <83f736e7.367c471e@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 12/18/98 11:44:29 PM Pacific Standard Time, DYARNES@aol.com writes:

<< f I had to guess, I'd say you could stick a fork in 73! It's done! I miss it about as much as I'm missing the NBA right now!

72 de Dave W7AQK

>>

I read 73 in the early 80's when i first became a ham, at that time, anything with the words 'ham radio' in it were of interest to me. as time went on, i learned more about ham radio and 73 suddenly had absolutely nothing to offer me. to be honest, i havent seen any issues anywhere....i thought the men in black helicopters came down and took Wayne Greene away, just like he pictures that it will happen.

i actually find QST to be better reading...if you can believe that. there are much better periodicals to put on the shelf to represent our hobby....not another version of "UFO" magazine. i like CQ magazine, better dx articles, a great contest...just good reading. (even though they take a no-code stance...i can forgive them). Worldradio is good, various qrp publications....lots to choose from. BTW, is there a still a National Basketball Assc.? ive completely forgotten all about them....the NHL!! now THATS a game!!

73 is yucky! NBA is as entertaining as watching snow melt! NHL is good!!
Viva la QRP!!!!thats all...ive made my
point, a happy holiday, gang, and a great new year for 99....hey 99! thats

Wayne Gretzky's number, lol.

73 (heh heh)Adam, N7YA

Date: Sat, 19 Dec 1998 17:02:44 -0800
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [27630] Fishing Pole Found
Message-ID: <19981219.170244.-67527.1.dave_epps@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I haven't been able to find the south bend poles, but found today that
shakespeare has a 20' telescopeing one. I bought one today at the local
sporting goods store. \$19.95. St. Louis Express next project.
dve ab5pc fresno, ca.

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 19 Dec 1998 20:59:42 EST
From: Ab7wy@aol.com
To: qrp-l@lehigh.edu
Subject: [27631] Re: A HAM CHRISTMAS
Message-ID: <cc80fff5.367c5a0e@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 12/19/98 7:41:23 AM Pacific Standard Time,
radiatoruss@fuse.net writes:

<< > A new Kenwood? An Icom?
> > A Yaesu, for me?!
> > (If he thought I'd been bad
> > it might be QRP!)
> >

A very cute poem... but I don't think I like this part. <grin>

Merry Christmas everyone!

73, >>

Yeah, that was the only part of the poem that i was not so crazy about...but i though you guys would like the rest...it was a good one.

73....Adam, N7YA

Date: Sat, 19 Dec 1998 17:47:31 -0800
From: "Frank" <ke6vhm@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [27632] Component ID please
Message-ID: <003e01be2bc1\$3ac7aec0\$7007b2d1@frankwes>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello and Merry Christmas to all. I need a little help identifying a couple of components.

1. RN60C 1003F
2. RN60D 1003F T0-60 100k 1% 003TRW

These both have axial leads. Any ideas???

Thanks in advance 72 de Frank

Date: Sat, 19 Dec 1998 21:41:05 -0500 (EST)
From: James Skalski <jskalski@buffnet.net>
To: Frank <ke6vhm@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27633] Re: Component ID please
Message-ID:
<Pine.LNX.4.03.9812192140110.1777-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

1. 100k resistor
2. 100k precision 1% tolerance resistor manufactured by TRW

73,

Jim

On Sat, 19 Dec 1998, Frank wrote:

> Hello and Merry Christmas to all. I need a little help identifying a couple
> of components.
> 1. RN60C 1003F
> 2. RN60D 1003F T0-60 100k 1% 003TRW
>
> These both have axial leads. Any ideas???
>
> Thanks in advance 72 de Frank
>
>
>

Date: Sat, 19 Dec 1998 20:01:19 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: Frank <ke6vbm@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [27634] Re: Component ID please
Message-ID: <Pine.SOL.3.91.981219195443.333A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 19 Dec 1998, Frank wrote:

> Hello and Merry Christmas to all. I need a little help identifying a couple
> of components.
> 1. RN60C 1003F

An RN60 is a mil-spec 1% precision resistor, 1/4W
The 1003 indicates it is 100 000 ohms (100K)

> 2. RN60D 1003F T0-60 100k 1% 003TRW

Another one, this one made by TRW

A few of the other mil-spec identifications are:

RN55	1/8W	1%	RC05J	5%	RC05K	10%	RC05	20%
RN60	1/4W	1%	RC07J	5%	RC07K	10%	RC07	20%

RN65 1/2W 1% RC20J 5% RC10K 10% RC20 20%

GL, Paul NA5N

Date: Sat, 19 Dec 1998 19:05:37 -0800
From: "Radman" <radman@best.com>
To: <jskalski@buffnet.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [27635] Re: Component ID please
Message-ID: <199812200303.TAA24878@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim,

Just curious... are these metal film components?

Thanks in advance,

72 - Conrad Weiss - NN6CW

From: James Skalski <jskalski@buffnet.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: Re: Component ID please
Date: Saturday, December 19, 1998 6:41 PM

1. 100k resistor
2. 100k precision 1% tolerance resistor manufactured by TRW

73,

Jim

On Sat, 19 Dec 1998, Frank wrote:

- > Hello and Merry Christmas to all. I need a little help
> identifying a couple
> of components.
> 1. RN60C 1003F
> 2. RN60D 1003F T0-60 100k 1% 003TRW

>
> These both have axial leads. Any ideas???
>
> Thanks in advance 72 de Frank
>
>
>

Date: Sat, 19 Dec 1998 21:15:46 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: nkristja@cadvision.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27636] Re: FOX:We've come a long way!
Message-ID: <367C6BE2.F282FF3@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Niels, you can give your friends a further jolt by reminding them that
every signal in that HUGE PILEUP came from a transmitter running 5
watts or less!

72/73, George
Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Niels Jensen Kristjansson wrote:

On more than a few occasion I have heard local hams wondering what that
HUGE PILEUP was . . .

Date: Sat, 19 Dec 1998 19:51:00 -0800
From: Jerry Parker <jparker@fix.net>
To: qrp-l@LeHigh.edu
Subject: [27637] Antennas West
Message-ID: <2.2.32.19981220035100.009af62c@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The following is an announcement from

the founder of "Antennas West" Jim Stevens KK7C.

I am very pleased to announce Paul Passey owner of "Radio Paul" has purchased Antennas West and the rights to all Antennas West Products.

I am confident you will find that Radio Paul will serve you with the same quality Antennas West Products and service you are accustomed to.

I wish to thank all my customers for their support and wish to encourage you to give Paul at "Radio Paul" an opportunity to serve you.

73,

Jim KK7C

Check out Radio Pauls Web Site at:

<http://www.antennaswest.com>

Enjoy,,,72,,,Jerry...WA6OWR...K

Date: Sat, 19 Dec 1998 20:06:09 -0800
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [27638] Fishing Pole Info
Message-ID: <19981219.201522.-67527.0.dave_epps@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A lot of requests for info.

Shakespeare "Wonderpole"

TSP 20 20'0" 6 sections Action: Light (4-10 lb. line)

I bought it from a local sporting goods store that is only in Fresno, but I'm sure any other store could get Shakespeare products.

I was real glad to find it. GL

dave ab5pc fresno, ca.

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 19 Dec 1998 23:27:20 EST
From: we6w@juno.com (Ed Loranger)
To: gary_oneil@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [27639] Re: contest ==>The Knights Before Christmas
Message-ID: <19981219.201508.4903.2.we6w@juno.com>

Good Idea and I bet the results will be interesting to
see.

That Rag Chewer's Multiplier is cool too!
<More Edits and comments below>

On Fri, 18 Dec 1998 02:20:24 -0500 gary_oneil@Juno.Com (Gary E. O'Neil)
writes:

<snip>

>

> This is my proposal...

>

> The Third Annual Knights Before Christmas event needs to have a
>structured format and yet remain an informal QSO party to celebrate
>the season in fellowship on the air. In addition; it should be in the
>spirit of QRP... i.e. benefit those with the determination,
>persistence and patience of Sir Rich in Ky.

>

> This is to be a Christmas Eve contest, but one which allows
>everybody to participate to the extent that they feel comfortable and
>yet still qualify on equal terms with those die hards that give it
>their all :-)

>

> We have a few days for discussion on this so refinements can be
>interjected if you get your comments on this reflector early.

>

> These are the "rules" to follow to keep it simple and fun.

>

>Rule 1) Use any rig, power level (QRO won't help much though) band,
>and mode.

>

>Rule 2) Contact anybody... No special need to search the night way
>digging in the ether for one of our own.

>

>Rule 3) Operate as much or as little as you wish between the hours

>of 9 PM and midnight local time..... That's right... All are created
>equal... The amount of time on the air may or may not help your score.
<snip>

>

>Rule 4) Contacts may be as brief or as long as you wish, but the
>only information you need to obtain/exchange is the Callsign and City
<snip>

>Rule 5) Compute your score and post to the reflector.

>

>Rule 6) Your reward will be your score <snip>

>Rule 7) Stop when it ceases to be fun.

>

>Computing your score.... Now this is where it gets interesting.....

>

>Step 1) Select any 1 hour period (your choice) that you want to be
<snip>

>

>Step 2) For each contact made, go to one of the online databases on
>the WEB and <snip>

>compute the distance between you and the contacted station.

<snip> and set your

>score multiplier to 1.

>

>Step 3) Record the amount of time in QSO to the nearest minute.

<snip>

>

>Step 4) For each 10 minutes you are in QSO with a given station, add
>1 to your score multiplier. The first must be a full 10 minutes before
>the multiplier applies.... After that, it is fair to round off (not
>round up) to the nearest 10 minute period... for example 14 minutes
>gets multiplied by 2, and a 15 minutes QSO yields a multiplier of 3.

Interesting! Rag Chewer's Multiplier! That's for me! :)

What's your RCM rate old boy? You don't hear that question often.

>

>Step 5) Total the number of miles for the 1 hour period of your
>choice. This yields miles per hour so you gotta work long and fast :-)

Neat.

>Step 6) <edit:Repeated Step #5 >

>

>Step 7) Divide the number of QSO minutes by 60 to yield active
>operating time in hours.

>

>Step 8) Finally divide the result in Step 6 by the result in step 7

>and divide this total by your transmitter power in Watts. This yields
>your total overall efficiency (station and operator) in Miles per Watt
>hour.

Cool. Miles per watt = Total miles/Active operating portion of one hour.
Easy enuf.

>

>Example Score Record

>

>Time of operation 11:07 PM to Midnight Central

>time Transmitter power 100 mw.

>

>Station Distance to station Time/Multiplier Total Distance Credit

>

>W1AAA 500 12 / 2 1000

>W4YES 200 15 / 3 600

>W6FAR 3700 1 / 1 3700

>W5MID 2000 8 / 1 2000

>

> Total Miles Per Hour ===== 7300

> Active Operating time = 36/60 ===== .6

> Transmitter Power Output in Watts = .1

>

>System efficiency (final score) 7300 / .6 / .1

>EQUALS:121,667 miles per Watt Hour

>

>In my so very humble opinion, this is the type of contest we should
>all strive for... It favors balance, while rewarding those who operate
>QRP... Lower power may yield fewer contacts, but higher power yields
>lower miles per watt. Higher power also may yield more contacts and
>induce a greater computational burden when it's time to derive ones
>final score :-).

>

>I'm considering one other rule, but perhaps we should hear some
>discussion on it... this one is a band multiplier. It goes like this:

>

> 160/80 meters multiply total score by 3

> 40/30 meters multiply total score by 2

> 20 through 10 meters no score multiplier

>

>The rationale for this last rule is the miles per watt advantage of
>higher frequencies. The first skip zone moves farther out with
>increasing frequency. I think this would help to further keep the
>playing field balanced.

>

>So what do you say gang? Sound like a reasonable plan... No judges
>need be assigned... We are all of the highest of integrity, and

If you're interested in viewing the manual for the MFJ-9406 you can find it at the following URL:

<http://www.mfjenterprises.com/manuals/9406/mfj9406.html>

73,
Steve Yates
AA5TB
aa5tb@swbell.net
<http://home.swbell.net/aa5tb/>
Fort Worth, Texas

Date: Sat, 19 Dec 1998 23:52:31 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [27641] 73 magazine
Message-ID: <367C828F.AE62448A@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I had let my subscription lapse about a year ago, but it would surprise me to heard of its demise. It just wasn't the magazine it once was. Back in the mid seventies I melted more solder thanks it its articles than any other magazine. But once Wayne started paying more attention to the more fringe aspects of reality over good old fashioneed ham radio, even his editorials stopped being interesting. If it has died maybe its time we all write to the League about picking up the QRP column.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Sun, 20 Dec 1998 00:47:01 -0500
From: "George Heron" <gheron@idt.net>
To: "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [27642] re: Jersey Fireball News Update

Message-ID: <02f701be2bdc\$54b414c0\$553b84a9@herong.dialogic.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

OK, the revision B of the "Jersey Fireball 40" will have more clearance on the ground-plane pads, no jumpers, a couple of artwork labeling corrections, and it'll eliminate those mods in the amp area. It's at the pc fab house right now for the next run of 200 kits!

72,

--George N2APB

n2apb@amsat.org in Sparta, NJ
for the NJ-QRP Club

>Fireball's here -- what's the difference between the original version

>and Vers B -- the amp??

>

>Who's gonna be on 7.080 next week?? Hope I can get a 40m receiver built

>by then -- thinking about using the parts left over from my TT kit?

>

>Jake -- N4UY

Date: Sat, 19 Dec 1998 23:23:10 -0800

From: "Frank" <ke6vhm@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [27643] Re: Component ID please

Message-ID: <01de01be2be9\$f1c13ce0\$7007b2d1@frankwes>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Thanks guys. Had not seen that type of markings before. I was given a good size stash of them. Thanks for your help.

72 de Frank

Date: Sun, 20 Dec 1998 02:33:36 EST
From: ka7you@juno.com
To: DYARNES@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [27644] Re: Who has some old 73's magazine
Message-ID: <19981219.235035.5071.1.ka7you@juno.com>

As I responded to others, I have the September, November and December issues in my hand. I have seen the October one here, but don't have the copy handy.

There is a QRP antenna tuner article in the December issue. I subscribe mainly to read the "Above and Beyond" and QRP columns.

7 3.

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
160M thru 1296 MHz-higher bands pending
ARCI-QRP #7251 QRP-L #844 NWQRP #120 and others

On Sat, 19 Dec 1998 02:40:49 EST DYARNES@aol.com writes:

>In a message dated 12/18/98 7:52:43 PM US Mountain Standard Time,
>henryf@quartz.gly.fsu.edu writes:

>

><< I haven't seen a new issue since August. >>

>

>The September issue is still on the rack at Borders here in Tucson as
>of this

>afternoon. Nothing since then. By the way, I think I incorrectly
>told

>someone here I thought I had seen an October issue. I think I erred!

>

>

>If I had to guess, I'd say you could stick a fork in 73! It's done!

>I miss

>it about as much as I'm missing the NBA right now!

>

>72 de Dave W7AQK

>

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 20 Dec 1998 07:27:06 EST
From: Mercxx@aol.com
To: qrp-l@lehigh.edu
Subject: [27645] 160 Meter QRP

Message-ID: <83f89d2c.367ced1a@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

Is there a home-brew design that a novice builder can handle for 160 meters,
Transmitter and receiver? Or can anyone recommend a commercial brand?

73s
Steve
N4TKP
FIST 4922
QRP-L 1763

Date: Sun, 20 Dec 1998 07:52:39 -0500
From: "dor" <elbc@pivot.net>
To: <Mercxx@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [27646] Re: 160 Meter QRP
Message-ID: <004301be2c17\$adff1d00\$473d62ce@ours>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: <Mercxx@aol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, December 20, 1998 7:27 AM
Subject: 160 Meter QRP

>Hi all,
> Is there a home-brew design that a novice builder can handle for 160
meters,
>Transmitter and receiver? Or can anyone recommend a commercial brand?
>
>73s
>Steve
>N4TKP
>FIST 4922
>QRP-L 1763
>

Hi Steve and all,
thought others might want to know also
Believe that Small Wonders Labs sell and neat little Qrp 160 meter rig in
kit for
Web page at
<http://www.fix.net/~jparker/sml/smlord.htm>

73 dave Kc1di

Date: Sun, 20 Dec 1998 13:27:08 +0000
From: John Taylor <john@joorology.demon.co.uk>
To: qrp-1@lehigh.edu
Subject: [27647] argo 2,s What do you think ?
Message-ID: <k1Yl\$KAssPf2Ewv5@joorology.demon.co.uk>
MIME-Version: 1.0

Hi everyone,

QUESTION ? how good (or bad) was the argonaut II 535.

Looking for any info,thoughts,reviews or sources on
this radio.

The large opinion of this reflector will be awaited !!

Big thanks

john G4KKG
john@joorology.demon.co.uk

(oh bye the way,has anyone got a copy of the review in
the 1992 (january) edition of QST.)

73

joorology is active.

Date: Sun, 20 Dec 1998 09:16:00 EST
From: Mercxx@aol.com
To: qrp-1@lehigh.edu

Subject: [27648] HW-8
Message-ID: <967cf027.367d06a0@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

I obtained an HW-8 in stock condition with no mods. I would like to know is there a book or manual out there that I can purchase to help me with the mods. I understand that it can be modified for the 30 meter bands. Any and all opinions welcome.

73s
Steve
N4TKP
FIST 4922
QRP-L 1763

Date: Sun, 20 Dec 1998 10:09:16 EST
From: CLGREGORRY@aol.com
To: qrp-l@Lehigh.EDU
Subject: [27649] WTB
Message-ID: <78568dd3.367d131c@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Looking for Sierra rig. Would like it to be in good shape. Would possibly consider others.

73'S
Cecil
N4PNN

Date: Sun, 20 Dec 1998 10:12:55 -0500
From: Jon Beckett <jbeckett@illuminet.net>
To: DYARNES@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27650] Re: Who has some old 73's magazine
Message-ID: <367D13F7.F57171B3@illuminet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

The latest issue that I have is November 1998.

Jon

DYARNES@aol.com wrote:

```
> In a message dated 12/18/98 7:52:43 PM US Mountain Standard Time,  
> henryf@quartz.gly.fsu.edu writes:  
>  
> << I haven't seen a new issue since August. >>  
>  
> The September issue is still on the rack at Borders here in Tucson as of this  
> afternoon. Nothing since then. By the way, I think I incorrectly told  
> someone here I thought I had seen an October issue. I think I erred!  
>  
> If I had to guess, I'd say you could stick a fork in 73! It's done! I miss  
> it about as much as I'm missing the NBA right now!  
>  
> 72 de Dave W7AQK
```

Date: Sun, 20 Dec 1998 09:23:17 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [27651] FOX: Team scores (fwd)
Message-ID: <Pine.LNX.3.95.981220091556.29336B-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

....N7CQR - fox hunt #20...

```
*****  
The 40 mtr Fox Hunt Team Scores  
*****
```

...the Houston Hounds- 14.400-hounds->K5ZTY,W5SB,KQ5U,KK5LD "CLEAN SWEEP!"

...the Underdogs - 12.911 - hounds -> N4ROA,AB7CE

...the Vibro-Fox Finders - 12.800 - hounds -> WE6W,KU7Y,K2VCO,WS8D
...the Fox Nabbers - 10.901 - hounds -> K0EVZ,W0CH
...the Texas Tarantulas - 10.000 - hounds -> K5LN,N5TW
...the Brass Pounders - 8.750 - hound -> N1FN
...the Kentucky Porch Houndz - 8.500 - still hungry.
...the Northern Lights - 8.401 - hounds -> VE6EWM,VE3FAL,VE5RC,VE2KN
...the Swords - 5.994 - lookin' for pelts.
...the Team Apathy - 4.329 - hound -> K7TQ
...the Jersey Diddles - 2.030 - hungry hounds.

Date: Sun, 20 Dec 1998 10:55:09 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: Steve/n0tu <n0tu@webaccess.net>
Cc: Rick Arland <k7sz@epix.net>, "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>, NJQRP Club <njqrp@njqrp.org>
Subject: [27652] Re: 73, QST/qrp
Message-ID: <367D1DDD.3B1707B2@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Actually I think if enough of us raised the same question to the folks in Newington we may get a positive response. Several folks on this thread (myself included) are regular columnists in various monthly radio hobby magazines and it is very clear that qrp-l has no shortage of technical talent. My journalistic contacts with the ARRL have always been cordial and positive. Maybe the time is right to bring QST up to speed. If the folks on qrp-l took a few minutes to send an e-mail Mark Wilson's K1RO or Joel Klienman's N1BKE way it would be well heard and considered.

Steve/n0tu wrote:

>
> >his editorials stopped being interesting. If it has died maybe its
> time
> >we all write to the League about picking up the QRP column.
> >-
> > T.J. "SKIP" AREY N2EI e-mail tjarey@home.com
> -----snip-----
>
> I was very surprised when I discovered that QRP had such a huge
> following. A few years ago I stumbled upon my J38 & HW-8 barried in a
> box in the basement. Coupled with finding QRP-L on the internet I dove
> back into ham radio head first after 15 years of no log entries. I had
> always loved the art of QRP but had lost interest because of not being
> able to comiserate(sp.) w/other QRPers except via RF and other life's
> pressures.
>
> BUT I was most surprised when I resubscribed to QST only to find NO
> QRP dept or column. I thought surely the one organization that would
> stand behind the TRUE spirit of ham radio would have us featured on a
> regular basis. Sure I've seen some QRP coverage in their rag but why
> not a dept.? I guess my economics professor was right. He who has
> the gold makes the rules. I'm just glad the gold us QRPers mine is
> priceless ...yet FREE!
>

> (and it's spelled with an "F" ...ends with a "N" ...and has YOU in the
> middle of it!)<grin>
>
> And I'm really grateful we have our own specific QRP pubs!
>
> TU & 72Steve/n0tu Monument,CO
> <http://www.webaccess.net/~s&p/HRindex.htm>

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Sun, 20 Dec 1998 11:25:46 -0500
From: "Kenneth W. Evans" <w4du@bellsouth.net>
To: Mercxx@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27653] Re: 160 Meter QRP
Message-ID: <367D250A.FBA37255@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Kanga has a xcvr for 160 called the LCK. I have one and it is a good
rig. You'll need to provide the cabinet.

Ken
W4DU
Mercxx@aol.com wrote:

> Hi all,
> Is there a home-brew design that a novice builder can handle for 160
> meters,
> Transmitter and receiver? Or can anyone recommend a commercial brand?
>
> 73s
> Steve
> N4TKP
> FIST 4922

> QRP-L 1763

Date: Sun, 20 Dec 1998 09:23:56 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [27654] Re: 73, QST/qrp
Message-ID: <005001be2c36\$91fbb180\$6fa8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>his editorials stopped being interesting. If it has died maybe its
time

>we all write to the League about picking up the QRP column.

>-

> T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

-----snip-----

I was very surprised when I discovered that QRP had such a huge
following. A few years ago I stumbled upon my J38 & HW-8 barried in a
box in the basement. Coupled with finding QRP-L on the internet I dove
back into ham radio head first after 15 years of no log entries. I had
always loved the art of QRP but had lost interest because of not being
able to comiserate(sp.) w/other QRPers except via RF and along with
life's other pressures.

BUT I was most surprised when I resubscribed to QST only to find NO
QRP dept or column. I thought surely the one organization that would
stand behind the TRUE spirit of ham radio would have us featured on a
regular basis. Sure I've seen some QRP coverage in their rag but why
not a dept.? I guess my economics professor was right. He who has
the gold makes the rules. I'm just glad the gold us QRPers mine is
priceless ...yet FREE! (and it's spelled with an "F" ...ends with a
"N" ...and has YOU in the middle of it!)<grin>

And I'm really grateful for our own specific QRP pubs!

TU & 72Steve/n0tu

Monument,CO

<http://www.webaccess.net/~s&p/HRindex.htm>

Date: Sun, 20 Dec 1998 09:31:28 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [27655] Sierra modules sticky?
Message-ID: <005101be2c36\$9329d140\$6fa8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Gang,

Has anyone figured out how to make their modules easier to remove and plug in? I just about have to ask the xyl to hold the radio down while I use two hands to pull and jerk the module loose. (just kidding)

But them seem to be too tight for my taste. I was thinking of sanding both sides of the edge connector down a little. Any suggestions?
Hints? Cautions?

TU & 72Steve/n0tu Monument,CO
<http://www.webaccess.net/~s&p/HRindex.htm>

Date: Sun, 20 Dec 1998 14:12:04 -0000
From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
To: <elbc@pivot.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [27656] Re: TS520
Message-ID: <001601be2c39\$89666620\$50edb094@t7w6w7>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>actually the best way to run qrp with the Ts520 is to apply a small positive
>voltage to the alc circuitry located at the accessory plug (check manual for

>pin out)

details of course on my web site!
Best wishes all for Christmas.

.....
Frank G3YCC qrp-1 #348
GQRP Club 042
(g3ycc@g3ycc.prestel.co.uk)
Award winning QRP Web Site:
<http://www.homeusers.prestel.co.uk/g3ycc/index.html>

Date: 20 Dec 98 10:31:20 EST
From: Roy Lincoln <wa4dou@usa.net>
To: qrp-1@lehigh.edu
Subject: [27657] Safety and ladders/climbing
Message-ID: <19981220153120.14826.qmail@www0s.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

Want to share an experience with you all. Yesterday, i was on the roof, tuning radials on a ground plane and when i went to remount the ladder, it came apart, slid out from under me, and needless to say, i fell to the ground. It was a new extension ladder made of aluminum, a 16 footer, considered a light duty ladder for up to 200 # of weight. I weigh about 180#. Today, i've got a sore back and leg, but i think i survived without serious injury. As a kid, i remember tumbling off the roof occasionally while working on antennas. As a 51 year old, i don't think i need to be doing that anymore. Ha!

The lower section of the ladder collapsed sideways in an arc. I bought it recently at a home building center for \$55 - \$60. Should have gone on and bought a 20 footer of better construction @ \$80-\$100 and tomorrow i will.

Hope this experience serves to illustrate that inexpensive ladders can be very costly in other areas. 73 Roy WA4DOU

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=1>

Date: Sun, 20 Dec 1998 11:36:14 -0500
From: "Jeffrey & Christina Smith" <boomer@4dim.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [27658] Re: MFJ 9406
Message-ID: <009601be2c36\$dd2ea3b0\$d9e2c5d1@athena>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mike,

Only have great things to say about my 9406. In my setup here in Dallas, Tx. I currently live in a second floor of a three floor apartment building. My operating area really is cramped. I am using a M2 6Meter SQloop inside the apartment. During the 16 months I operated the 9406 I have worked 77 qso's, 25 states & 51 grid squares. Have worked from EM13 to DN01as the longest QSO.

Good luck Mike de Jeffrey KB5VPR
EM13oa
Dallas, Tx.

-----Original Message-----

From: mikemo@ibm.net <mikemo@ibm.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Saturday, December 19, 1998 9:11 AM
Subject: MFJ 9406

>Any opinions on the MFJ 9406 6 meter QRP ssb tranceiver?
>I have an opportunity to get one at a good price.
>Thanks and 72, de ku4qo, Mike Maiorana, Palm Harbor, FL
>

Date: Sun, 20 Dec 1998 12:48:04 EST
From: fcsww@juno.com (Richard Rood)
To: qrp-1@lehigh.edu
Subject: [27659] Re: argo 2,s What do you think ?
Message-ID: <19981220.124752.4543.0.fcsww@juno.com>

Hi John,

You wrote:

>QUESTION ? how good (or bad) was the argonaut II 535.

>john G4KKG

>john@joorology.demon.co.uk

I have had the Argonaut II's 100 watt version, the Delta II Model 536, since spring '63. It is identical to the Argonaut II except the PA. In my estimation, it has always been a "sleeper" rig since it has most, not all, features of the newer offerings by other manufacturers: two VFOs, split operation, CW, SSB, FM transmit and receive & AM receive. Its frequency coverage is 100 KHz to 30 Mhz. It provides 48 memories with the latter dozen or so capable of storing splits. (More than enough in my experience.) It has RIT (Ten-Tec calls it RX0) NOTCH, PBT, IF BW. The IF BW is in the form of the patented "Jones" adjustable filter; from 2.5KHz to 500 cycles. There is speech processing, a noise blanker, and fully adjustable VOX. It has internal power and swr metering; bar graph type as well as bar graph signal strength. It has fast and slow QSK and AGC and a front end 20 db RF attenuator. Squelch is available for the FM mode. I use the Delta II in the QRP regimen by turning down the PWR control for very stable levels at & below 5watts. This of course is a moot point when comparing Argonaut II. (Ten-Tec provided a step attenuator, Model 290, for the Argonaut II; adjustable 5 watts to 10 milliwatts.) I use a Bird Wattmeter to confirm the Delta II output power. It has a separate 12 volt power supply.

I have an affectionate attachment to it as a very usable and dependable rig. It is my main stay and I consider myself a qrp operator. The "power out" on my rig is usually set around five watts however I am from a strain of radio operators who consider 100 watts as "qrp".

Hope this answers your query. If you need more info, just give me an email.

72.5

dick, W2SCF, qrp-l#1613

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 20 Dec 1998 11:56:26 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: g3ycc@g3ycc.prestel.co.uk
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27660] Re: TS520
Message-ID: <367D3A4A.B60CFED2@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Interesting . . . my IC-765 requires a *negative* voltage to reduce the power output to QRP levels. AFAIK, all the Icoms are the same. Guess the Kenwoods are different!

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Frank G3YCC wrote:

actually the best way to run qrp with the Ts520 is to apply a small positive voltage to the alc circuitry
^^^^^^

Date: Sun, 20 Dec 1998 12:56:41 EST
From: we6w@juno.com (Ed Loranger)
To: qrp-l@lehigh.edu
Subject: [27661] WE6W Contest Pixie2 ready for Novelty Sprints!
Message-ID: <19981220.094420.4279.0.we6w@juno.com>

The Pixie2 engine is all warmed up gang.

I will be using my pixie2 that I built for this contest last year. This contest winning rig has undergone some transformation since that contest, with the majority of changes reported in my Spring 1998 article "WE6W Contest Pixie".

Not that the schematic is on the reverse side of the center fold. A properly executed mod to your Spring QRPp magazine requires the lifting of two staples and re-installing the page so the Pixie2 schematic is easily referenced while

building your rig.

TWO Notes: I have bypassed the 100 Ohm feedback resistor between pins 1/8 of the LM386 for additional Volume on my less than sensitive earphones. The extra volume lets in more AM BC station. So what did I do to fix this little annoyance?

Well, yesterday I reported I modified my output inductor. This is truly important. Not only does a tuned coil with powdered iron slug allow you to tune the BC station out of the picture, you will get a better match to your output transistor. I found that the pixie2 I have can put out 990 milliwatts with the slug in one position. Unfortunately, this maximum power point is also a maximum BC station location as well.

With the slug tuned to minimum/imperceptible QRM from the AM BC stn, the pixie2 cranks out an ozone depleting 600 milliwatts.

I just had two very FB QRP and QRPP qso's. One station was running 250 milliwatts from his 4040 rig! Geesh, and I thought I was the little guy around here. He was about 140 miles south of me and on 40 meters.

I added 100 pF to the coupling capacitor from the OSC to the final transistor, this increased the output power by about 50 milliwatts, but also introduced a small chirp. I was told it was minimal, but removed it right away.

Anyway, try a few different tuned-slug coils for you pixie2 output filter and see if one will fit your situation.

QRpp'in Santa Rosa CA, and loving it!
72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
Enjoying Ham Radio every day! Santa Rosa, CA.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 20 Dec 1998 10:14:38 -0800
From: Stan Goldstein <stan@cruzio.com>
To: n0tu@webaccess.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27662] Re: Sierra modules sticky?
Message-ID: <367D3E8D.A26E8D4@cruzio.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Steve/n0tu wrote:

>
> Hey Gang,
>
> Has anyone figured out how to make their modules easier to remove and
> plug in? I just about have to ask the xyl to hold the radio down while
> I use two hands to pull and jerk the module loose. (just kidding)

A few years ago , Wayne announced a contest to design a release system for the
modules
due to their being so tight.

I never saw anything further on it.

So if you do come up with something be sure to tell Wayne so you can claim the
prize.
(It was a million dollars wasn't it Wayne ?)

Stan , N6XU

Date: Sun, 20 Dec 1998 10:22:47 -0800
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "Glowbugs@Piobaire.
Mines. Uidaho. Edu" <glowbugs@piobaire.mines.uidaho.edu>
Subject: [27663] Reduction Drive Group Purchase
Message-ID: <000001be2c45\$bebbd920\$a905b2d1@rmccarty.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

This is the list as I have it. If you sent me an e-mail and your name is not listed here, please contact me right away.

Thanks and 73

Roger KD6CC

Reduction Drives

Pat Byers (pbyers@rttinc.com)
Bigbob97@aol. com (Bigbob97@aol.com)
BParkes@aol. com (BParkes@aol.com)
Brian Chesire (BCChesire@worldnet.att.net)
Brian Kassel (bkassel@dancris.com)
Brien Pepperdine (pepperb@gov.on.ca)
Charles Jack Hawley (c-hawley@uiuc.edu)
Chris Cartwright (ccart@dns.vidtel.com)
Chris Trask (ctrask@primenet.com)
Christian Void (cvoid@netcom.com)
D. K. Philbin (dphilbin@thegrid.net)
Don Ehrlich (ehrich@olypen.com)
Donald E Sanders (w4bws@juno.com)
Doug Faunt N6TQS (faunt@netcom.com)
Duane Alles (dalles@earthlink.net)
Earlmurf@Telusplanet. Net (earlmurf@telusplanet.net)
George Heron (gheron@idt.net)
HBWOMXY@aol. com (HBWOMXY@aol.com)
J38AL@aol. com (J38AL@aol.com)
JERRY BROWN (jmbrown@edge.net)
Jim Glover (psykey@okcforum.org)
John (oglesby2@ix.netcom.com)
John Burnley (JBurnley@ifmc.org)
John Levreault (jlevro@mediaone.net)
JUNIUS B FOX (w5hir@gte.net)
Ka7you@Juno. Com (ka7you@juno.com)
Kevin F. Glynn (kfglynn@prodigy.net)
Lhawkes@Navnet. Net (lhawkes@navnet.net)
Macstein@aol. com (Macstein@aol.com)
Niels Jensen Kristjansson (nkristja@cadvision.com)
Pchow@Cisco. Com (pchow@cisco.com)
Rrhensel (rrhensel@sprintmail.com)
Sam Billingsley (SBillingsley@usaninc.com)

Smann@Advi. Net (smann@advi.net)
Tom K4AKC (topdog@advicom.net)
Wa8rxi@Juno. Com (wa8rxi@juno.com)
Winston F. Jones (winjones@ix.netcom.com)
Wyn@Worldnet. Att. Net (wyn@worldnet.att.net)

Roger A. McCarty ARS KD6CC
<http://www.qsl.net/kd6cc>

Caution! The 2nd Law of Thermodynamics is at work on all things at all times.
Mankind and Human nature are not exempt from entropy. The only solution is to decide on a higher standard, and commit yourself to it.

Date: Sun, 20 Dec 1998 13:23:18 EST
From: fcs@juno.com (Richard Rood)
To: qrp-1@lehigh.edu
Subject: [27664] Re: argo 2,s What do you think ?
Message-ID: <19981220.132250.4543.1.fcs@juno.com>

Correction: I ve only had it since "spring 93"
of course.

Dick, W2SCF qrp1#1613

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 20 Dec 1998 13:45:58 -0500
From: Richard Arland <k7sz@epix.net>
To: jbeckett@illuminet.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27665] Re: Who has some old 73's magazine
Message-ID: <367D45E5.3CD55231@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> If I had to guess, I'd say you could stick a fork in 73! It's done! > I'd miss it about as much as I'm missing the NBA right now!

Amen!

Date: Sun, 20 Dec 1998 10:55:30 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: Roy Lincoln <wa4dou@usa.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27666] Re: Safety and ladders/climbing
Message-ID: <Pine.SOL.3.96.981220104030.21282B-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Roy and all,

You bring up a very good topic!

Back in my younger days I worked off ladders a lot. Here are some things I learned....

NEVER use a light, cheap ladder. NEVER! Not if you like your body.

When using any extension ladder, remember that there must be at least a 4' overlap on the two sections. In other words, if you have a 16' ladder you can only use it extended to 12'.

When you put a ladder up to a roof, it must extend above the roof about 3 to 4'. This means a 16' extension ladder will only let you get onto an 8' roof safely. And that's not allowing for the angle of the ladder. And don't put the base of the ladder too far out from the wall. Feel free to stop by your local fire department and ask them how to use a ladder. They will be more than happy to show you. They would much rather do that than come puke you up later! :-)

To show that I really do believe in this, I bought a ladder 3 years ago. It's a Warner (sp?) 20' extension, fiberglass that cost a little over \$300.

It's heavy. It's expensive. It doesn't "bow" out while you are on it. I feel safe when using it. It's cheaper than a fall might be!

I have quit jobs over cheap ladders!

Sorry for the "rant" but this is one of my little hot

spots.

Been snowing here for two days..... "It's beggining to look
a lot like Christmas"!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 20 Dec 1998 11:00:05 PST
From: "Craig LaBarge" <labarge@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [27667] Eagle 10 Meter Rigs
Message-ID: <19981220190005.16779.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain

Someone recently posted a URL for Copper Electronics
(http://www.copper.com/online/ham_radios.html) who sells 10 meter rigs.
Does anyone have any experience with either the Eagle Apache 240 or
Eagle Sidewinder 400 rigs? They appear to be converted CB rigs. I'm
curious about the quality. Do they meet spectral purity requirements,
etc.? Do the channels line up with what other folks are using (e.g.,
11-2-10 conversions)?

73, Craig WB3GCK

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sun, 20 Dec 1998 11:02:18 -0800
From: Jerry Parker <jparker@fix.net>
To: qrp-l@LeHigh.edu
Subject: [27668] Ham Radio List's
Message-ID: <2.2.32.19981220190218.00bd05c0@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Does someone on this list know of or have a list
of all the Ham Radio List's and their addresses?

Thanks ahead of time,,,72,,,Jerry...WA6OWR...K

Date: Sun, 20 Dec 1998 11:05:00 -0800
From: "Bill Todd" <bill@willapabay.org>
To: <nwq-1@scn.org>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [27669] Latest NorthWest QRP Club update now UP!
Message-ID: <000b01be2c4b\$a8728780\$2f5233d1@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello NW QRPers -

I have put the information from our last Club meeting (including photos -
tnx Brian, KV9X) on my web site. I hope you enjoy the information.

We are still working out the details on the joint NW QRP Club and BC QRP
Club meeting in Blaine, WA, but when I get all the info, I will update the
page so you will know what is planned.

I hope all of you have a very Merry Christmas!

To get to my web site, just click on the WWW address at the bottom of this
post.

CUL, Bill-N7MFB
<http://www.willapabay.org/~bill>
ICQ me @ 8926298

Date: Sun, 20 Dec 1998 14:10:46 -0500
From: "John J. McDonough" <jjmcd@tm.net>
To: <jparker@fix.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [27670] Re: Ham Radio List's
Message-ID: <199812201916.0778000@is1.tm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> From: Jerry Parker <jparker@fix.net>
>
> Does someone on this list know of or have a list
> of all the Ham Radio List's and their addresses?

Jerry,

I doubt if anyone actually knows. If you go to www.qth.net, you'll be treated to a list of hundreds of ham-related lists. But that's only ONE SERVER. Who knows what all is out there. Anyone can start one of these lists, so a comprehensive 'list of lists' is going to be out of date as soon as it's published, if there was any chance of it being complete in the first place!

72/73 de WB8RCR <http://users.tm.net/jjmcd/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 20 Dec 1998 13:23:45 -0600
From: "Rud Merriam" <rmerriam@csi.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [27671] Re: MFJ 9406 (FS)
Message-ID: <00e801be2c4f\$bb54fbe0\$407e9ad1@sisyphus>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I can't pass up using AA5TBs comments to announce I have an MFJ 9406 for sale. This includes the CW module and mike. List \$260 for the rig and \$40 for the CW module. Since Steve paid \$200 I'll ask that including the CW module and pay shipping.

I picked up a Kenwood TS-680S from a club member so the 9406 is redundant. May as well get some cash for other toys.

The other piece of 6m gear that is redundant is an ICE 50.000-50.500 250W bandpass filter to keep the TVI down. To narrow a band for use

with the 680S.

Also selling an RS-390 Shortwave Receiver. Make an offer.

Rud Merriam KD5DTV
rmerriam@csi.com

-----Original Message-----

From: Steve Yates, AA5TB <aa5tb@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Saturday, December 19, 1998 2:23 PM
Subject: Re: MFJ 9406

>Mike,

>

>I've had one since June and have been very happy with it. The rig's
>best feature is the transmit quality. I have had several great
comments

>about the transmit audio before mentioning what kind of radio it was.

>In fact, I've made some kilowatt stations annoyed when they found out
I

>was using a 10 Watt MFJ rig and a dipole.

>It does has some speech processing (4-6dB) and provisions for keying
an

>external amplifier.

>

>The receiver has plenty of sensitivity, frequency stability and good

>AGC. There is plenty of rx audio power for mobile use. I don't know

>what its dynamic range is but it never has had any problem handling

>strong signals. The receiver is specified at 1.5 dB NF with an
active

>DBM (Doubly Balanced Mixer) in the front in.

>

>The negatives are that the speaker is in the lid and it doesn't have
an

>external speaker jack (easily remedied). Mine does have a headphone

>jack even though the manual doesn't indicate one. CW is possible
with

>the purchase of an additional module. It is some what difficult to
find

>what frequency you're on with the coarse (a mark every 25 KHz) analog

>dial but it is accurate. Once you find out where the calling
frequencies

>are you can mark it on the dial.

>

>Given that I only paid \$200 for this rig new with the microphone at

>HamCom I think it was a very good buy.

>
>73,
>Steve Yates
>AA5TB
>aa5tb@swbell.net
>http://home.swbell.net/aa5tb/
>Fort Worth, Texas
>

Date: Sun, 20 Dec 1998 13:31:51 -0600
From: "Rud Merriam" <rmerriam@csi.com>
To: <n0tu@webaccess.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [27672] Re: 73, QST/qrp
Message-ID: <00e901be2c4f\$bcc63f20\$407e9ad1@sisyphus>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Expressing interest in the column is a good step. More importantly you need to find a columnist. I've done technical writing and invariably editors are looking for authors and columnists.

Rud Merriam KD5DTV
rmerriam@csi.com

-----Original Message-----
From: Steve/n0tu <n0tu@webaccess.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Sunday, December 20, 1998 10:36 AM
Subject: Re: 73, QST/qrp

>
>>his editorials stopped being interesting. If it has died maybe its
>time
>>we all write to the League about picking up the QRP column.
>>-
>> T.J. "SKIP" AREY N2EI e-mail tjarey@home.com
>-----snip-----
>

>
>I was very surprised when I discovered that QRP had such a huge
>following. A few years ago I stumbled upon my J38 & HW-8 barried in a
>box in the basement. Coupled with finding QRP-L on the internet I
dove
>back into ham radio head first after 15 years of no log entries. I
had
>always loved the art of QRP but had lost interest because of not
being
>able to comiserate(sp.) w/other QRPers except via RF and along with
>life's other pressures.
>
>BUT I was most surprised when I resubscribed to QST only to find NO
>QRP dept or column. I thought surely the one organization that would
>stand behind the TRUE spirit of ham radio would have us featured on a
>regular basis. Sure I've seen some QRP coverage in their rag but why
>not a dept.? I guess my economics professor was right. He who has
>the gold makes the rules. I'm just glad the gold us QRPers mine is
>priceless ...yet FREE! (and it's spelled with an "F" ...ends with a
>"N" ...and has YOU in the middle of it!)<grin>
>
>And I'm really grateful for our own specific QRP pubs!
>
>
>TU & 72Steve/n0tu Monument,CO
><http://www.webaccess.net/~s&p/HRindex.htm>
>
>
>

Date: 20 Dec 98 14:39:59 EST
From: Roy Lincoln <wa4dou@usa.net>
To: ku7y@sage.dri.edu, Roy Lincoln <wa4dou@usa.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27673] Re: [Re: Safety and ladders/climbing]
Message-ID: <19981220193959.16916.qmail@www0j.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Ron,

Well, i did something wrong in the use of the ladder. Didn't want to lean

the ladder against the shingles overhanging the roof, so i placed the ladder against the area of the home just under that area. Also, there was a warning not to stand or climb on the highest rungs(say above the 8 or 9 foot level) which i disregarded. Would have probably gotten away with it, had the ladder been stiffer. Its a real "thrill" to mount a ladder at the 14-15 ft. level and fall backwards to the ground! Tomorrow, i'm gonna go look at good ladders! Ha!

73 Roy

WA4DOU-----

Hi Roy and all,

You bring up a very good topic!

Back in my younger days I worked off ladders a lot. Here are some things I learned....

NEVER use a light, cheap ladder. NEVER! Not if you like your body.

When using any extension ladder, remember that there must be at least a 4' overlap on the two sections. In other words, if you have a 16' ladder you can only use it extended to 12'.

When you put a ladder up to a roof, it must extend above the roof about 3 to 4'. This means a 16' extention ladder will only let you get onto an 8' roof safely. And that'n not allowing for the angle of the ladder. And don't put the base of the ladder too far out from the wall. Feel free to stop by your local fire department and ask them how to use a ladder. They will be more than happy to show you. They would much rather do that then come puck you up later! :-)

To show that I really do believe in this, I bought a ladder 3 years ago. It's a Warner (sp?) 20' extention, fiberglass that cost a little over \$300.

It's heavy. It's expensive. It doesn't "bow" out while you are on it. I feel safe when using it. It's cheaper than a fall might be!

I have quit jobs over cheap ladders!

Sorry for the "rant" but this is one of my little hot spots.

Been snowing here for two days..... "It's beggining to look a lot like Christmas"!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=1>

Date: Sun, 20 Dec 1998 14:28:25 EST
From: w4pj@w4bkx.ampr.org
To: qrp-l@lehigh.edu
Subject: [27674] Re: Eagle 10 Meter Rigs
Message-ID: <40111@w4bkx.ampr.org>

These are probably the source of all the CB QRM at the bottom of 10m.
Every 10 Kc. from well below 28.0 to 28.315 almost every "channel" has
several signals (carriers detectable from here in Ft. Lauderdale) on it.
Some seem to be very populated, 005, 015, 045, 085, en Espanol.

My assumption is these rigs are channelized every 10 Kc. and probably sold
by the thousands in Mexico, Brazil (two dialects I recognize) and other
Latin American countries. I doubt if they go all the way up to 29 MHz
or we would be hearing them there as well.

de Scott / W4PJ

(Buy every one you find at the local 'fest, at a reasonable cost, to keep
them out of the hands of pirates, maybe a new 11-2-10 project in the wings?)

Date: Sat, 20 Dec 1997 14:45:32 -0500
From: "Harry T. Hurst, WA3PTG" <hhurst@delaware.infi.net>
To: <labarge@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [27675] Re: Eagle 10 Meter Rigs
Message-ID: <199812201943.0AA13481@fh105.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Copper has a "EURO 3900" AM/FM/SSB/CW rig for \$129. Anybody know anything about it? There is plenty of info about it, but nothing about exactly what frequencies it covers.

That price is tempting.

Date: Sat, 20 Dec 1997 14:47:37 -0500
From: "Harry T. Hurst, WA3PTG" <hhurst@delaware.infi.net>
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [27676] Re: Safety and ladders/climbing
Message-ID: <199812201943.0AA12381@fh105.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

don't forget that when you get past the mid 40's, you don't bounce anymore.

Date: Sun, 20 Dec 1998 12:02:20 -0800
From: David Shalita <af389@lafn.org>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Cc: "Ham-Homebrew@ucsd.edu" <Ham-Homebrew@ucsd.edu>
Subject: [27677] 2N5160 2N3866 SPICE model and parts
Message-ID: <367D57CC.C1B96235@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

Does anyone know where I can buy 2N5160 2N3866 transistors (small quantity)??

Also, I really need the SPICE models for
1 watt 2N4427(NPN), 2N5160(PNP) and 2N3866 (NPN) parts.
Only possible source found by web search so far in USA is TECHSONICS
near Foster City, CALIF.

These parts are needed for a 1-50 mhz, 5 v into 50 ohm load, sinewave
power amp using PNP and NPN complementary driver transistors.

I am working on with Winspice3.

Thanks so much for any help.

--

David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Sun, 20 Dec 1998 20:48:23 GMT
From: frussle@erols.com (Jake Brodsky)
To: rmccarty@earthlink.net
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [27678] Re: Dynamic Range ramblings
Message-ID: <3685511e.11534171@smtp.erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

On Thu, 17 Dec 1998 09:13:43 -0800, Roger A. McCarty wrote:

>Pardon me if this subject has been discussed before. It seems such an
>important topic, and interesting as well, that I thought I would bring =
it
>up. Hopefully others will contribute to the discussion.
>
>I am prompted to hear what others think, as I once again have =
experienced
>how good dynamic range can contribute to a successful Qso or on the
>contrary, how limited dynamic range can spoil a Qso. I just completed a =
Qso
>with my 40m "Oner" transceiver. A cheap limited parts count minimalist =
(a
>master of redundancy) unit made available by the Kanga Company. It is a =
very
>simple direct conversion receiver with no filtering whatsoever in the =
audio
>chain. Yet, the dynamic range is amazing! I am able to hear and copy
>clearly, very weak stations, although they are completely covered by =
noise
>and/or local strong stations on BOTH sides of zero beat.
>
>Like many of you, I have a couple of different Qrp transceivers, both
>home-brew and kitted units. After many hours of listening, I find that I=
am

>now quite the Direct Conversion fan. In every case, the DC receivers =
allow a
>significant improvement in dynamic range to the point that in all but
>extreme cases, the lack of single signal reception is not a problem.
>Further, and believe me for matters of personal observations and =
subsequent
>denial (it can't be, I spent way too much money for this to be true)I =
find I
>prefer listening to a DC receiver over my kilobuck commercial =
transceiver
>(not a Ten-Tec).

The most troublesome thing about dynamic range is how one goes about
defining and measuring it. I won't go in to specifics, except to note
that there are several other ways to measure dynamic range than just
the two tone tests we're used to. Each test has its flaws.

But even where they do distort, the fact that some receivers sound
better than others probably has more to do with clean audio
amplifiers, clean oscillators, and clean demodulators than it does
with good overall performance. =20

This point has been made time and time again since the 1970s, yet very
few manufacturers are listening. =20

Rick Campbell, KK7B, remarked at the end of the R2 article for QST
that a well designed and well built crystal filter superhet should be
able to outperform the R2 --but most aren't and most don't. =20

Instead the manufacturers and marketing gurus patch things up with
lots of cool DSP stuff to fix problems which shouldn't be there in the
first place. It's much easier to sell additional buttons and knobs to
a techno-geek market than it is to sell solid performance. =20

Sad, ain't it?

Jake Brodsky, <mailto:frussle@erols.com>

"Nearly fifty percent of all graduates came from=20
the bottom half of the class."

Date: Sun, 20 Dec 1998 16:07:37 -0500

From: "Tracy Markham" <tracy@bytemark.com>

To: "Roderic Van Beuzekom" <roderic@orlando.com>, "Kris Roehling"
<krisr@magicnet.net>, "Todd Markham" <tbarranch@earthlink.net>,

"Terry Markham" <tmark4212@aol.com>, "Maggie" <istu26855@selu.edu>, "Bob
Knapp" <smokey@biways.org>, "Gary Jahanson" <wd4nka@aol.com>,

Subject: [27679] Thomas

Message-ID: <001001be2c5c\$c5775ca0\$e0751ad1@titan>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

For those of you who have helped out or expressed concern, Thomas will be having an excellent Holiday Season this year for a young man in his condition. Thanks to all of you who have sent messages and gifts to Thomas, it has really meant a lot to him.

Thomas will be going in to see his doctor on the 28th to determine when the Fixator will be taken off. The doctor noted that the removal of the 'pins' will be an out-patient operation. Isn't it amazing what they can do in a regular office nowadays? They will also determine a beginning schedule for his physical therapy while he is there.

Things are beginning to smooth out for the family and we are getting back into a more 'normal' routine. Although Thomas' room is still the Living Room, we've begun to situate his room to accommodate him when he begins to get around without as much reliance on the wheelchair. He is already beginning to be able to get into and out of the wheelchair on his own in certain circumstances.

There really isn't much more to report until Thomas begins therapy. Right now its just relax and heal.

Thanks for all the love!

Tracy

Date: Sun, 20 Dec 1998 15:58:52 EST

From: J38AL@aol.com

To: qrp-1@Lehigh.EDU

Subject: [27680] Re: Safety and ladders/climbing

Message-ID: <ef4e6df9.367d650c@aol.com>

Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

Content-Transfer-Encoding: 7bit

In a message dated 12/20/98 12:32:02 PM Eastern Standard Time, wa4dou@usa.net writes:

<< It was a new extension ladder made of aluminum, a 16 footer, considered a

light duty ladder for up to 200 # of weight. I weigh about 180#. Today, i've got a sore back and leg, but i think i survived without serious injury. As a kid, i remember tumbling off the roof occasionally while working on antennas. As a 51 year old, i don't think i need to be doing that anymore. Ha!

The lower section of the ladder collapsed sideways in an arc. I bought it recently at a home building center for \$55 - \$60. Should have gone on and bought a 20 footer of better construction @ \$80-\$100 and tomorrow i will.

Hope this experience serves to illustrate that inexpensive ladders can be very costly in other areas. 73 Roy WA4DOU >>

Glad to hear you're OK. I don't like aluminum ladders! period. I bought a fiberglass ladder about four years ago, 20 or 24 foot - not sure but I do remember what it cost. On sale it was \$185.00 - but it was worth it.

Happy holidays to all,

Al N2ZHS

Date: Sun, 20 Dec 1998 16:17:51 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: hhurst@delaware.infi.net
Cc: qrp-1@lehigh.edu
Subject: [27681] Re: Eagle 10 Meter Rigs
Message-ID: <199812202104.QAA04414@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

>
> Copper has a "EURO 3900" AM/FM/SSB/CW rig for \$129. Anybody know anything
> about it? There is plenty of info about it, but nothing about exactly what
> frequencies it covers.

>
I have one of thier catalogs and it don't give the freq range either.
However, if it is similer to the other 10M rigs they have, they all
cover 28.315 to 28.755 MHz in 10 Khz steps. (40 channels)

> That price is tempting.

That's for sure, if they actually have them in stock. Be sure to get
the optional "echo board" too, hi.

BTW, I ordered one of the Uniden PC122XL's from Copper (not in stock,
will have them soon, maybe) It's an \$89.95 SSB CB that I hope will
convert to 10 or 12 meters with just an xtal change. We'll see, if
it ever shows up!

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sun, 20 Dec 1998 16:09:54 EST
From: Ab7wy@aol.com
To: qrp-1@lehigh.edu
Subject: [27682] Re: Safety and ladders/climbing
Message-ID: <fa2360ce.367d67a2@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 12/20/98 9:32:02 AM Pacific Standard Time, wa4dou@usa.net writes:

<< The lower section of the ladder collapsed sideways in an arc. I bought it recently at a home building center for \$55 - \$60. Should have gone on and bought a 20 footer of better construction @ \$80-\$100 and tomorrow i will. >>

It sounds like a bad dream for me!! one i dont like to think about.

I work in the construction business, namely ive been working as a framer and pick-up carpenter. ladders are part of the job, usually ascending them with heavy or bulky items (sheets of plywood, nail guns and hose, boxes of nails, etc..), i cant stress safety enough!! especially if you are not accustomed to working on ladders.

first of all, dont go out of your limitations!! if you think its too high...it probably is. never, never use a cheap ladder!!! it could mean injury or death! for me, it means great pain and i can no longer feed my family....so it is very important to have good equipment. Werner makes what i consider to be the best ladders (there are others if you want to shop around). they are not cheap, but neither is your life!

dont over-extend your ladder EVER! and set up your ladder at a safe angle, as soon as its set, make sure all 4 points of the ladder are secure and wont kick out from under you or fall to the side....my biggest fear is falling off a high ladder. (most framing companies have a policy "if you fall, your fired before you hit the ground").

and make sure you know what your putting your ladder up against, it must be solid.

and the safety precautions on the side of the ladder arent for decoration...read them.

i think that there should be a law against selling cheap, flimsy extension ladders. if you plan on doing any work on a ladder higher than 6 feet...dig down and shell out the \$\$\$ and get a good, HEAVY ladder....its worth it!

oh yeah, watch those power lines, too!!
i know it sounds like im rambling, but this is a very important thread to explore. for those out there who already know this stuff...bear with me, not everyone knows about ladder safety and its something that every ham should know. its important that this info reaches anyone who plans on going up....the proper knowledge can mean a quick safe trip up, back down, then getting on the air...instead of laying there dazed, broken and thinking "why didnt i spend more time making sure it was safe to do this...ouch!"...or worse!

thanks for reading this far....safety is paramount!! hams should already know this, but folks make mistakes, at least the gentleman above is ok today, he will be around for xmas, and as he stated, he learned a valuable lesson...thank goodness.

well all, have a happy holiday season, enjoy this hobby, have fun and work safe!!

73...Adam, N7YA

Date: Sun, 20 Dec 1998 14:15:17 -0700
From: KORWC <rwc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [27683] My OHR100A Mods & other stuff
Message-ID: <3.0.5.32.19981220141517.007ebcd0@mail.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Seasonal Salutations Low Power Radio People:

First a big thanks to all for the useful info the past few months, solicited &/or otherwise. I have had my OHR100A on 20meter for the past few weeks with many successful long distance contacts. I'm constantly amazed at how much can be done with so little.

So, now it is time to share some Mods. I've found useful on my OHR100A:

1. Installed a 10-Turn pot for tuning--SWEET! If you really want fine control over your Freq. consider this mod. (I also added an OHR DD-1 for freq. read out, very nice.)
2. I decided that the Passband was a little wider than I liked, so after studying the circuit, I replaced R133 with a wire. R133 is part of a voltage divider network for the varactor-diode bias in the Xtal filter. With R133 in place the bias was about 4.97-1.78 volts, now it is ~4.6-0. By ear it seems to decrease the "narrow" setting passband by about 1/2, can't really tell about the "wide" setting. Perhaps someone else with all the right "stuff" can measure this more accurately. For me it has really helped reduce adjacent strong station interference.

QRPTNP (QRP The Next Project(s)) ;-)

1. Bought the OHR WM-1 from a friend. So I'm going to add a small, build from scratch, regulated Pwr Supply similar to the WM-2.
2. Ordered a Norcal 40. Meet me on 7040 in about a month or so.
3. Going to build a SW+ for 30meters (after the Norcal). Going to get brave here and "bare board it". Then build my own enclosure and add a Tic-II and Freq. Mite.
4. Some kinda 10 meters beacon thingy ~100mW.

LET THE SOLDER FLOW!

HAPPY HOLIDAYS FOLKS

72/3 K0RWC

Rod Cercone, QRP-L #1764.

Fort Collins, CO

da di dah

Date: 20 Dec 1998 14:19:06 -0700

From: W0rw@kkktv.com

To: qrp-l@lehigh.edu

Subject: [27684] QRP VLF

Message-ID: <199812202118.QAA32164@nss4.cc.Lehigh.EDU>

Please listen today (Sunday, 12/20) and tonight on 164KHz for the RW Beacon.

i need reports from pre-sundown 1-5pm and again after astronomical twilight 8-11pm.

The band changes during the diurnal phase.

The transmissions are on for 1 minute and off for 2 minutes.

There will be a Long Wave QSL sent out for all reports...

QSL to:

RW Beacon, PO BOX 6069, Colorado Springs, CO 80934

W0rw

to: INT:cqc@mtechnologies.com

cc: INT:qrp-l@lehigh.edu

Date: Sun, 20 Dec 1998 13:38:31 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27685] Re: Eagle 10 Meter Rigs
Message-ID: <367D6E57.77F9983@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Steven Weber wrote:

>

> BTW, I ordered one of the Uniden PC122XL's from Copper (not in stock,

This company (Copper Electronics) sells to the CB market. They sell CB rigs, as well as 'ham' 10-meter radios that include such relevant features as the 'roger beep', etc. These 'ham' rigs are branded 'Galaxy', 'Euro', 'Eagle', etc. They often cover the CB band as well as the 10-meter CW and phone bands. They also sell modification manuals. There is no mention on their web site that I could find for frequency ranges, except '10-meter' or '11-meter'.

Prudence in this litigious world dictates that I stop my description at this point, but I wonder: is this the kind of outfit it is to our benefit as hams to patronize?

73,
Vic, K2VCO
Fresno CA

Date: Sun, 20 Dec 1998 17:14:10 EST
From: we6w@juno.com (Ed Loranger)
To: frussle@erols.com
Cc: qrp-1@Lehigh.EDU
Subject: [27686] Re: Dynamic Range ramblings
Message-ID: <19981220.140215.7551.5.we6w@juno.com>

On Sun, 20 Dec 1998 20:48:23 GMT frussle@erols.com (Jake Brodsky) writes:
>On Thu, 17 Dec 1998 09:13:43 -0800, Roger A. McCarty wrote:
<snip for brevity>

>Instead the manufacturers and marketing gurus patch things up with
>lots of cool DSP stuff to fix problems which shouldn't be there in the
>first place. It's much easier to sell additional buttons and knobs to
>a techno-geek market than it is to sell solid performance.

>
>Sad, ain't it?

Oh yeah. I have received some great comments from folks following my progress fixing the drift in my OHR-100.

A couple spoke about adding circuits to phase lock and hold that drift to nothing.

A good idea, but I see many advantages to circuits that are inherently stable.

I worked software on a totally amazing DSP receiver. One of the programs I wrote was a forever running random spur test. Not only did I find all of the spurs they expected, I found many that were NOT expected. These were later explained away as 'features' of the DSP chips :) :) Of course these were repaired appropriately and the project is a roaring success. Point is, even the best engineers can't predict everything.

I wish "I" had a 170 dB dynamic range rcvr like this one I worked on... Maybe it was more? What a freaking great rcvr...

>Jake Brodsky, <mailto:frussle@erols.com>
>"Nearly fifty percent of all graduates came from
>the bottom half of the class."
>

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
Enjoying Ham Radio every day! Santa Rosa, CA.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 20 Dec 1998 15:16:45 -0700
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27687] Fireball 40 finished!
Message-ID: <367D774C.4FF4@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QRP-Ler's!

Just finished my Fireball! Fired right up and without any smoke!

So, ready for a Fireball to Fireball QSO, if anyone else has their rig going yet.

Im going to put mine in an Altoids tin or Sucrets box, whichever shows up first.

Going to put the RF voltmeter on it in a bit and measure the output.

So, if anyone want to try a 40m qso let me know...Will be available this evening.

72, Tom WB5QYT

Date: Sun, 20 Dec 1998 18:21:39 EST
From: we6w@juno.com (Ed Loranger)
To: whalen@swcp.com
Cc: qrp-l@Lehigh.EDU
Subject: [27688] Re: Fireball 40 finished!
Message-ID: <19981220.150936.7551.7.we6w@juno.com>

Oh my goodness!! This is great news. I'm stuck on 7040 or 7039.3 with my Pixie2. And now all you folks are getting into gear. I was afraid everyone was gonna built them all for 28.060. Can't go there....

I just had a very fb QSO with Ron/Ku7y. His call to my CQ at 600 Milliwatts was heard on my Pixie2!!

But guess what? He was only running 100 mW to a 25 foot high antenna! Wahoo!

I guess I'm the "Big Gun" around here lately!

250 mW earlier today, and now this 100 mW QSO.

Geez, do I need to get out my 10 dB attenuator!!!
I've got it and my have to break it out to work you Fireballers!

Mess with me will ya..... Oh yeah, we is gonna go
qrp on that thar qrp sig and maybe a qrp more! QRPpp
for me.... Does that require 2 sodas and 3 cups of
coffee?

If hams had invented the CD music disc, wud it be LPp?
72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
Enjoying Ham Radio every day! Santa Rosa, CA.

On Sun, 20 Dec 1998 15:16:45 -0700 tom whalen <whalen@swcp.com> writes:
>QRP-Ler's!

>

>Just finished my Fireball! Fired right up and without any smoke!

>So, ready for a Fireball to Fireball QSO, if anyone else has their rig
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>

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>up first.

>

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>

>So, if anyone want to try a 40m qso let me know...Will be available
>this
>evening.

>

>72, Tom WB5QYT

>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 20 Dec 1998 18:22:37 -0500
From: "George Heron" <gheron@idt.net>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [27689] Prize offered for 1st confirmed FB40-FB40 contact
Message-ID: <042001be2c6f\$a4c6da40\$3f3b84a9@herong.dialogic.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Now that there are 100-or-so "Jersey Fireball 40" QRPP transmitter kits scattered around in most states and a few countries (and another 200 to ship soon!), the NJ-QRP Club is offering a small prize for each first confirmed 2-way Fireball 40 contact on the bands it supports (10, 20, 40 or 80 meters).

Make your skeds, sync up on the e-mail lists, or do whatever you need to do in order to get an FB40 QSO with another FBER on any of its bands. There can be up to 8 winners (2 stations contacting on each band).

By filling out and submitting a QSL card as confirmation (electronic or conventional), and giving a short soapbox commentary on your exploits into QRPP land, you and your QSO-partner will each receive a Prize and be immortalized in a published article in one of our major QRP journals. (Prize to be small-but-special, announced soon.)

And don't forget that once the dust settles from the holidays, and the smoke clears from all the kit building, we'll be sponsoring a short-but-exciting FB40 QRP Sprint for all to participate in. There be wonderful bonuses for other stations to contact FBers, and even better incentives for FB40-to-FB40 contacts! Stay tuned for more later ...

Thanks & happy holidays!

73,
--George Heron, N2APB
n2apb@amsat.org in Sparta, NJ
for the NJ-QRP Club <http://www.njqrp.org>

Date: Sun, 20 Dec 1998 16:42:55 +0000
From: Bob Hightower <ki7mn@extremezone.com>
To: hhurst@delaware.infi.net
Cc: qrp-1@lehigh.edu
Subject: [27690] Re: Safety and ladders/climbing
Message-ID: <199812202333.QAA12378@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 02:47 PM 12/20/97 -0500, you wrote:
>don't forget that when you get past the mid 40's, you don't bounce anymore.
>

Well, parts of you do, but most of you doesn't :^)
72,73

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

End of QRP-L Digest 1311
